

## 2.6 MILITARY MUNITIONS RESPONSE PROGRAM AOIs DESIGNATED FOR NFA

### 2.6.1 FGGM 004-R-01 (OU-41) – GRENADE AND BAYONET RANGE A

**Regulatory Driver:** CERCLA

**Environmental Investigations:**

PA..... 2002-2003

Historical Records Review..... 2006

SI..... 2007

**Contaminants of Potential Concern:** None identified

**Media of Concern:** None identified

**Site Location:** Grid F5, in the southwestern portion of the installation, bounded to the west by Grant Road, to the north by Building 8478, to the east by Building 8452, and to the south by Duff Road.

**Site Description:** This AOI comprises the former Grenade and Bayonet Range A, which is believed to have been used from 1924 until the late 1930s. It is assumed that hand grenades were used on site and could have included fragmentation and practice hand grenades. Most of the 16-acre range has been developed and is currently occupied with various buildings and associated parking lots. The buildings currently located on the MRS were constructed by 1954. They include Buildings 8474, 8452, 8451, 8465, and 8479. Parking lots and driveways surround these buildings.

**Previous Studies:** Over the course of previous investigations at this site five soil samples were collected as part of the SI and submitted for laboratory analysis. None of the five soil samples had metal detections above the regulatory limits, and no explosives were detected. There is no physical evidence of MEC or munitions debris on the MRS.



FGGM-004-R-01 Grenade & Bayonet Range A

0 100 200 400 Feet

**Current Use:** Administrative and recreational

**Current Status:** No further MMRP action was required based on the findings of the 2007 SI. EPA approved NFA on 13 June 2007.

**Cleanup/Exit Strategy:** Not applicable; NFA.

## 2.6.2 FGGM 008-R (OU-44) – GRENADE AND BAYONET RANGE B

**Regulatory Driver:** CERCLA

**Environmental Investigations:**

PA ..... 2002-2003

Historical Records Review ..... 2006

SI ..... 2007

**Contaminants of Potential Concern:** None identified

**Media of Concern:** None identified

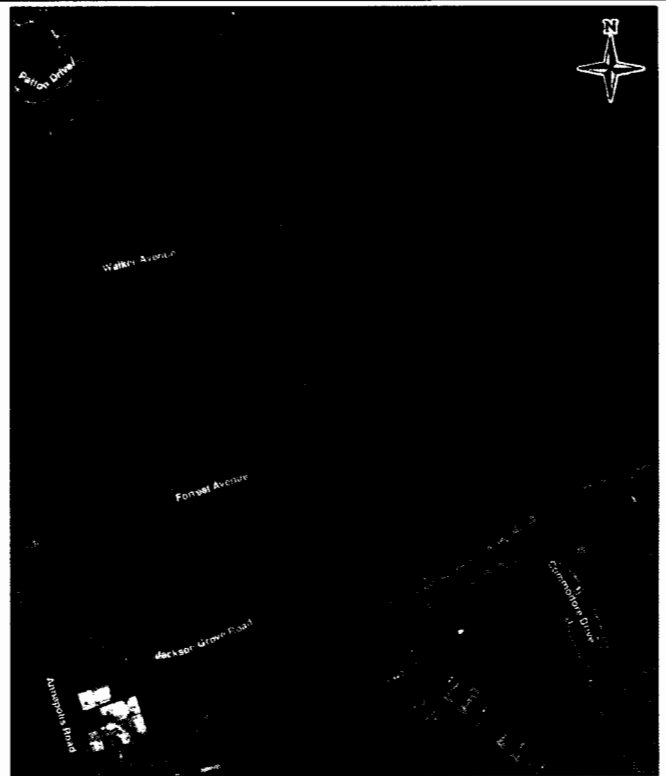
**Site Location:** Grid H3, in the northeastern portion of the installation.

**Site Description:** This AOI consists of the former Grenade and Bayonet Range B, which is believed to have been used in 1943. It is assumed that hand grenades were used on site and could have included fragmentation and practice hand grenades.

No MEC or munitions debris was observed over this 19-acre parcel during a magnetometer- assisted site walk, and no further MMRP action was recommended in the SI (Malcolm Pirnie, 2007b).

**Previous Studies:** Over the course of previous investigations at this site five soil samples were collected as part of the SI and submitted for metals and explosives laboratory analysis.

Except for arsenic, no metals were detected above the regulatory limits, and no explosives were detected. There is no physical evidence of MEC or munitions debris on the MRS.



FGGM-008-R-01 - Grenade & Bayonet Range B  
0 100 200 400 Feet

**Current Use:** Vacant land

**Current Status:** No further MMRP action was required based on the findings of the 2007 SI. EPA approved NFA on 13 June 2007.

**Cleanup/Exit Strategy:** Not applicable; NFA.

### 2.6.3 FGGM 005-R-01 (OU-42) – PISTOL RANGE A

**Regulatory Driver:** CERCLA

**Environmental Investigations:**

PA..... 2002-2003

Historical Records Review..... 2006

SI..... 2007

**Contaminants of Potential Concern:** None identified

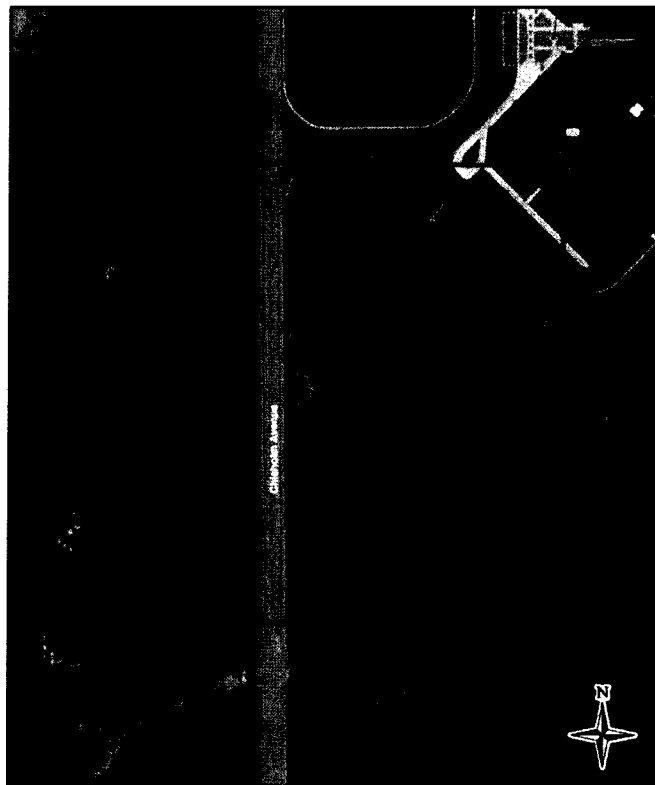
**Media of Concern:** None identified

**Site Location:** Grid H3, on the east side of Fort Meade. The 4-acre site is located south of Reece Road and directly west of Route 175. Chisholm Avenue runs north/south through the former range.

**Site Description:** This AOI used to have several structures on site, including buildings 2821–2826 and 899. The range was identified on a 1924 War Game Map issued by the War Department for Camp Meade. Based on the operation dates of other ranges found on the War Game Map, it is assumed that the pistol range was used from 1924 until the early 1940s. It is also assumed that only small arms were used on site, but there is no specific information regarding this.

Information on the frequency of use and types of munitions used was unavailable, but .45-cal ammunition is assumed to have been used because it was the most common pistol ammunition in the 1920s. There is no information on any MEC responses conducted on site.

**Previous Studies:** Over the course of previous investigations at this site, five composite surface soil samples were collected as part of the SI and submitted for lead analysis. Lead was detected in soil samples taken at this site at levels below regulatory limits (Malcolm Pirnie, 2007b).



FGGM-005-R-01 Pistol Range A  
0 40 80 160 Feet

**Current Use:** All structures have been demolished. The undeveloped area is flat with grass vegetation and a few scattered trees and shrubs.

**Current Status:** No further MMRP action was required based on the findings of the 2007 SI. EPA approved NFA on 13 June 2007.

**Cleanup/Exit Strategy:** Not applicable; NFA.

## 2.6.4 FGGM 006-R-01 (OU-43) – PISTOL RANGE B

**Regulatory Driver:** CERCLA

**Environmental Investigations:**

PA.....2002-2003

Historical Records Review.....2006

SI.....2007

**Contaminants of Potential Concern:** None identified

**Media of Concern:** None identified

**Site Location:** Grid E4, in the southwestern portion of the installation, bounded to the west by Brown Road and Building 9705, to the north by Building 9841 and parking lots, to the east by undeveloped property, and to the south by parking lots and undeveloped property. O'Brien Road runs through the middle of the site.

**Site Description:** The range was identified on a 1924 War Game Map issued by the War Department for Camp Meade. Based on the operation dates of other ranges found on the War Game Map, it is assumed that the pistol range was used from 1924 until the early 1940s. It is also assumed that only small arms were used on site, but there is no specific information regarding this. Information on the frequency of use and types of munitions used was unavailable, but .45-cal ammunition is assumed to have been used because it was the most common pistol ammunition in the 1920s. There is no information on any MEC responses conducted on site.

East of O'Brien Road, the AOI is undeveloped with a walking/jogging trail traversing the site. West of O'Brien Road, the range is within what is now NSA property and is mostly developed with buildings and parking areas. The undeveloped area is forested with heavy shrub growth in some areas.

**Previous Studies:** Over the course of previous investigations at this site five composite surface soil samples were collected as part of the SI and submitted for lead analysis. Lead was detected in soil samples taken at this site at levels below regulatory limits (Malcolm Pirnie, 2007b).



**Current Use:** This AOI is within NSA property and is mostly developed with buildings and parking areas.

**Current Status:** No further MMRP action was required based on the findings of the 2007 SI. EPA approved NFA on 13 June 2007.

**Cleanup/Exit Strategy:** Not applicable; NFA.